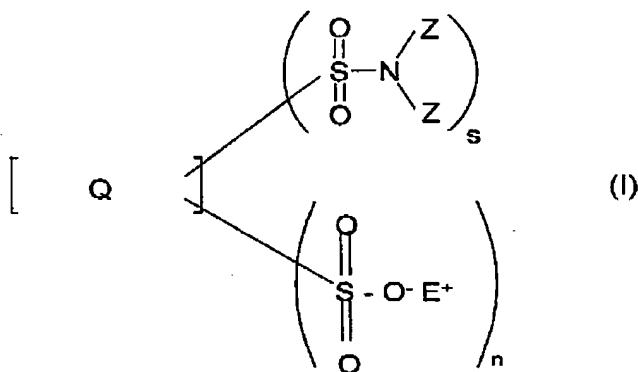


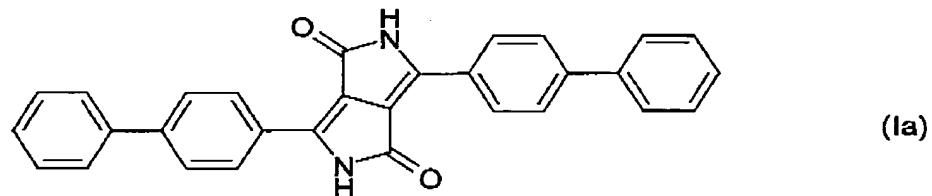
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Amendments to the Claims

1) (Previously Presented) A pigment dispersant of the formula (I)



in which Q is a radical of the diketopyrrolopyrrole compound of the formula (Ia)



s is a number from 0.1 to 4.0,

n is 2 - s,

E⁺ is H⁺ or the equivalent M^{m+}/m of a metal cation M^{m+} from main groups 1 to 5 or transition groups 1 or 2 or 4 to 8 of the periodic system of the chemical elements, m being 1, 2 or 3, an ammonium ion N⁺R⁹R¹⁰R¹¹R¹², where the substituents R⁹, R¹⁰, R¹¹ and R¹² independently of one another are each a hydrogen atom, C₁-C₃₀-alkyl, C₂-C₃₀-alkenyl, C₅-C₃₀-cycloalkyl, phenyl, (C₁-C₈)-alkyl-phenyl, (C₁-C₄)-alkylene-phenyl, or a (poly)alkyleneoxy group of the formula -[CH(R⁸⁰)-CH(R⁸⁰)-O]_k-H, in which k is a

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number from 1 to 30 and the two radicals R⁸⁰ independently of one another are hydrogen, C₁-C₄-alkyl or, if k is > 1, a combination thereof; and in which alkyl, alkenyl, cycloalkyl, phenyl or alkylphenyl R⁹, R¹⁰, R¹¹, and/or R¹² may be substituted by amino, hydroxyl and/or carboxyl; or where the substituents R⁹ and R¹⁰, together with the quaternary nitrogen atom, are able to form a five- to seven-membered saturated ring system containing, if desired, further heteroatoms from the group consisting of O, S and N, or where the substituents R⁹, R¹⁰ and R¹¹, together with the quaternary nitrogen atom, are able to form a five- to seven-membered aromatic ring system, containing, if desired, further heteroatoms from the group consisting of O, S and N, and to which additional rings may be fused if desired, and in which the two radicals Z are identical or different and Z has the definition Z¹ or Z⁴, where

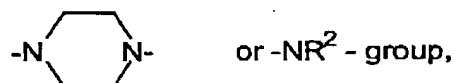
Z¹ is a radical of the formula (Ib)



in which

X is a C₂-C₆-alkylene radical, a C₅-C₇-cycloalkylene radical, or a combination of these radicals, it being possible for these radicals to be substituted by from 1 to 4 C₁-C₄-alkyl radicals, hydroxyl radicals, (C₁-C₄)-hydroxyalkyl radicals and/or by 1 or 2 further C₅-C₇-cycloalkyl radicals, or in which X, if q is > 1, may also be a combination of said definitions;

Y is a -O-,



or in which Y, if q is > 1, may also be a combination of said definitions;

q is a number from 1 to 10;

R² and R³ independently of one another are a hydrogen atom, a substituted or unsubstituted, or partly fluorinated or perfluorinated, branched or unbranched (C₁-C₂₀)-alkyl group; a substituted or unsubstituted C₅-C₇-cycloalkyl group or a

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substituted or unsubstituted, or partly fluorinated or perfluorinated (C_2-C_{20})-alkenyl group, it being possible for the substituents to be hydroxyl, phenyl, cyano, chloro, bromo, amino, C_2-C_4 -acyl or C_1-C_4 -alkoxy, or R^2 and R^3 , together with the nitrogen atom, form a saturated, unsaturated or aromatic heterocyclic 5- to 7-membered ring containing, if desired, 1 or 2 further nitrogen, oxygen or sulfur atoms or carbonyl groups in the ring, being substituted if desired by 1, 2 or 3 of the radicals OH, phenyl, CN, Cl, Br, C_1-C_4 -alkyl, C_1-C_4 -alkoxy, C_2-C_4 -acyl and carbamoyl, and carrying, if desired, 1 or 2 benzo-fused saturated, unsaturated or aromatic, carbocyclic or heterocyclic rings;

and where

Z^4 is hydrogen, hydroxyl, amino, phenyl, (C_1-C_4)-alkylene-phenyl, C_6-C_7 -cycloalkyl or C_1-C_{20} -alkyl, it being possible for the phenyl ring, the (C_1-C_4)-alkylene-phenyl group and the alkyl group to be substituted by one or more substituents from the group consisting of Cl, Br, CN, NH₂, OH, C₆H₅, mono-, di- or tri- C_1-C_4 -alkoxy-substituted C₆H₅, carbamoyl, C_2-C_4 -acyl and C_1-C_4 -alkoxy, and it being possible for the phenyl ring and the (C_1-C_4)-alkylene-phenyl group to be substituted by NR²R³, or the alkyl group is perfluorinated or partly fluorinated.

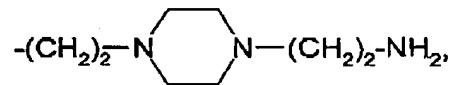
2) (Previously Presented) The pigment dispersant as claimed in claim 1, wherein s is a number from 0.2 to 3.0 and n is a number from 0 to 0.5.

3) (Previously Presented) The pigment dispersant as claimed in claim 1, wherein R^2 and R^3 , together with the adjacent nitrogen atom, form an imidazolyl, piperidinyl, morpholinyl, pipocolinyl, pyrrolyl, pyrrolidinyl, pyrazolyl, pyrrolidinonyl, indolyl or piperazinyl ring.

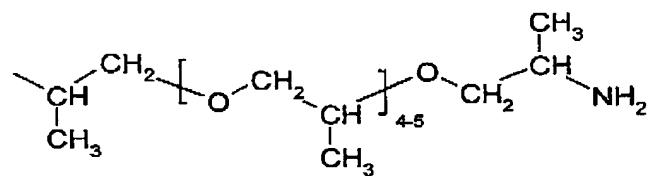
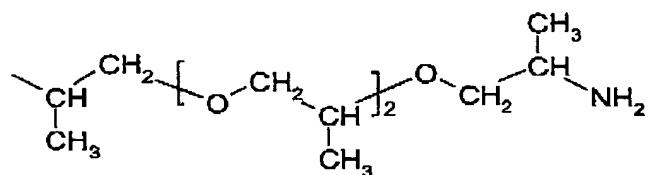
4) (Previously Presented) The pigment dispersant as claimed in claim 1, wherein Z^1 has the definition:

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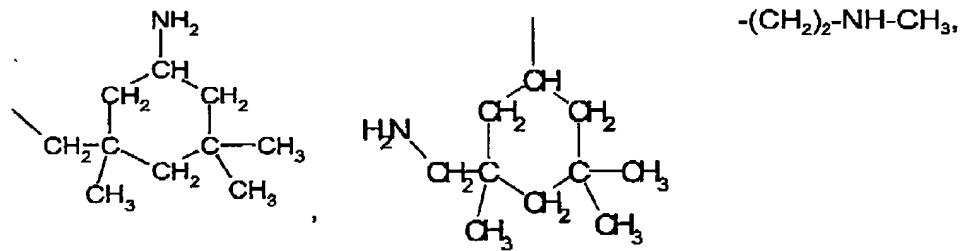
-[(CH₂)₃-NH]₂H, -(CH₂-CH₂-NH)₂H,
 -(CH₂)₃-NH-(CH₂)₂-NH-(CH₂)₃-NH₂,



-(CH₂)₃-N(CH₃)-(CH₂)₃-NH₂, -(CH₂)₃-O-(CH₂)₂-O-(CH₂)₃-NH₂,
 -(CH₂)₃-O-(CH₂)₃-O-(CH₂)₃-NH₂, -(CH₂)₂-NH-(CH₂)₃-NH₂, -(CH₂)₃-NH-(CH₂)₂-NH₂,
 -(CH₂-CH₂-NH)₃-H, -(CH₂-CH₂-NH)₄-H, -(CH₂-CH₂-NH)₅-H,
 -(CH₂)₃-O-(CH₂)₂-O-(CH₂)₃-NH₂, -(CH₂)₃-O-(CH₂)₄-O-(CH₂)₃-NH₂,



-(CH₂)₂-OH, -(CH₂)₃-OH, -CH₂-CH(CH₃)-OH, -CH(CH₂-CH₃)CH₂-OH, -CH(CH₂OH)₂,
 -(CH₂)₂-O-(CH₂)₂-OH or -(CH₂)₃-O-(CH₂)₂-O-(CH₂)₂-OH; -(CH₂)₂-NH₂, -(CH₂)₃-NH₂,
 -CH₂-CH(CH₃)-NH₂, -CH₂-C(CH₃)₂-CH₂-NH₂,



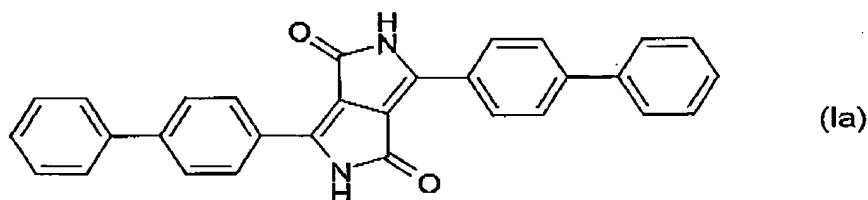
-(CH₂)₂-N(CH₃)₂, -(CH₂)₂-NH-CH₂-CH₃, -(CH₂)₂-N(CH₂-CH₃)₂, -(CH₂)₃-NH-CH₃,
 -(CH₂)₃-N(CH₃)₂, -(CH₂)₃-NH-CH₂-CH₃ or -(CH₂)₃-N(CH₂-CH₃)₂.

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5) (Previously Presented) The pigment dispersant as claimed claim 1, wherein Z⁴ has the definition hydrogen, amino, phenyl, benzyl, NR²R³-substituted phenyl or benzyl, C₁-C₆-alkyl, or a C₂-C₆-alkyl, phenyl or benzyl substituted by 1 or 2 substituents from the group consisting of hydroxyl, acetyl, methoxy and ethoxy.

6) (Previously Presented) The pigment dispersant as claimed in claim 1, wherein X is a C₂-C₄-alkylene radical or cyclohexylene.

7) (Previously Presented) A process for preparing a pigment dispersant as claimed in claim 1 comprising the steps of chlorosulfonating a diketopyrrolopyrrole compound of the formula (Ia)



and reacting the resultant sulfochloride with an amine of the formula (V)



8) (Previously Presented) A pigment preparation comprising

- at least one organic base pigment, and
- at least one pigment dispersant of the formula (I) as claimed in claim 1.

9 - 16 (Cancelled)

17. (New) The pigment dispersant as claimed in claim 1, wherein s is a number from 0.5 to 2.5 and n is a number from 0 to 0.2.

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